CROWELL & MORING, LLP Intellectual Property Group P.O. Box 14300 Washington, D.C. 20044-4300 202) 624-2500

October 7, 2003

Customer No.

23911



Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Re: New U.S. Patent Appln. Our Ref: 029116.52803US



Sir:

Transmitted herewith for filing is the patent application of:

Kazuo WATANABE, Takahiko YAMASHITA, Yasushi ITO and Katsuhiro NAGASAWA

entitled: MACHINING METHOD AND MACHINING APPARATUS

Enclosed are:

- 1. Specification, including 19 claims (pages 29).
- 2. <u>11</u> Sheets of <u>X</u> Formal drawings showing Figs. <u>1-11</u>.
- 3. Declaration and Power of Attorney.
- 4. Application Data Sheet
- 5. Assignment of the invention to **Hitachi Via Mechanics Ltd**.
- 6. Preliminary Amendment
- 7. The filing fee has been calculated as shown below:

Basic Fee							\$385/770	= \$770.00
Total Claims	43	<u>-</u>	20	=_	23	x	\$9/18	= \$414.00
Independent Claims	4		3	= _	1	x	\$43/86	= \$ 86.00
Multiple Dependent Claim Presented						\$140/280	= \$280.00	
Total Filing Fee								\$1550.00

Two checks in the amount of \$1,550.00 for the filing fee and \$40.00 for the assignment recording fee are enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 05-1323 (Docket #029116.52830US). A duplicate copy of this sheet is enclosed.

Herbert I. Cantor Reg. No. 24,392

HIC:tcv